LIBRARY
JUL 26 1944
C3
WEATHER BUREAU

MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

BEIRUT, SYRIA

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

MAY, 1944

J. A. BROWN, DIRECTOR

Printed at the American Press
Beirut, Lebanon

MAY 1944

METEOROLOGICAL REGISTER

Date	Barometer reduced to oC Sea level and 45 Latitude 700 mm. + ...				Thermometer Cent.					
	*8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	58.5	58.6	58.7	58.6	23.6	18.7	22.3	20.6	19.2	20.7
2	8.6	9.6	60.8	9.7	20.9	15.0	18.7	17.8	17.3	17.9
3	61.1	61.3	1.7	61.4	22.9	15.8	17.7	21.8	16.6	18.7
4	0.8	0.4	1.0	0.7	21.0	14.0	18.6	19.1	16.7	18.1
5	3.7	5.1	6.0	4.9	21.4	13.7	14.2	20.6	15.6	16.8
6	67.5	67.4	66.6	67.2	22.8	15.5	18.7	21.2	17.4	19.1
7	5.6	3.9	2.7	4.1	24.8	16.8	19.6	23.8	18.3	20.6
8	0.8	0.1	59.4	0.1	25.6	17.3	19.9	24.3	19.0	21.1
9	58.9	58.7	8.2	58.6	27.1	17.1	20.3	26.2	19.9	22.1
10	8.6	8.4	7.6	8.2	27.5	18.4	20.9	26.6	20.3	22.6
11	57.7	56.7	56.8	57.1	27.2	18.5	21.8	25.1	21.1	22.7
12	6.6	6.9	7.2	6.9	26.3	18.4	22.5	25.6	20.1	22.7
13	8.3	8.5	8.4	8.4	25.8	18.3	21.2	25.4	20.5	22.4
14	8.5	8.0	7.3	7.9	26.1	18.2	21.2	25.4	19.5	22.0
15	6.6	6.4	4.8	5.9	26.4	19.4	20.5	24.8	20.2	21.8
16	53.9	53.2	54.6	53.9	26.3	19.7	22.2	25.7	21.0	23.0
17	8.6	6.9	7.6	7.7	25.8	18.4	20.4	24.7	20.4	21.8
18	7.9	8.3	9.0	8.4	26.2	17.9	21.7	25.8	20.2	22.6
19	9.7	60.0	60.3	60.0	26.3	17.0	22.3	25.8	20.0	22.7
20	60.5	1.3	1.5	1.1	26.1	17.8	22.4	25.1	20.4	22.6
21	62.5	62.5	61.7	62.2	27.1	18.9	22.1	26 2	20.4	22.9
22	1.1	0.7	59.0	0.3	28.9	20.5	22 4	27.4	22.3	24.0
23	57.8	4.2	5.5	59.2	27.9	21.5	24.5	27.3	22.2	24.7
24	7.8	58.8	60.4	9.0	26.3	18.8	23.8	25.3	21.4	23.5
25	61.9	61.9	0.2	61.3	28.0	18.9	22.8	27.2	21.1	23.7
26	55.8	53.3	55.9	55.0	28 4	17.9	22.3	26.2	20.5	23.0
27	7.1	8.1	7.8	7.7	27.2	18.3	22.8	26.7	21.0	23.5
28	7.9	8.8	9.6	8.8	26.9	18.1	22.9	26.3	20.1	23.1
29	60.6	60.8	61.1	60.8	26.2	18.4	22.3	24.8	20.1	22.4
30	1.3	1.0	2.8	1.7	27.0	17.7	21.8	26.3	20.1	22.7
31	1.7	1.7	1.8	1.7	27.0	17.9	22.1	25.2	20.2	22.5
	59.60	59.72	59.54	59.62	25.83	17.83	21.19	24.65	19.77	21.87

Barometer, range for month 753.2 — 767.5 mm.
„ 62-yr. average for month 759.52 mm.
Thermometer, range for month 13.7° C — 28.9° C.
„ 62-yr. average for month 22.38° C.
Rain, total for month 21.59 mm.
„ , 62-yr. average for month 18.29 mm
„ , total, from Sept. 1st. 813.31 mm.
62-yr. average, total from Sept 1st. 880.36 mm.
* Summer time

MAY 1944

METEOROLOGICAL REGISTER

Date	Elasticity of Vapor mm.				Relative Moisture per cent.				Sun. hrs.	Wind per day	Rain
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	Hrs.	Kms.	m.m.
1	16.5	17.4	15.8	16.6	83	96	95	91	0.0	459.0	6.35
2	15.2	14.0	11.5	13.6	95	93	78	89	4.3	286.0	6.35
3	11.9	11.9	10.9	11.6	79	61	77	72	10.8	153.0	
4	11.5	11.2	11.0	11.2	73	68	77	73	6.8	475.0	
5	8.6	11.8	9.4	9.9	49	65	72	62	5.3	169.0	7.87
6	9.7	11.5	11.8	11.0	63	62	79	68	12.9	587.0	
7	11.6	15.1	14.9	13.9	68	68	95	77	13.0	431.0	
8	12.5	17.0	15.3	14.9	72	78	94	80	12.7	360.0	
9	14.9	18.5	16.3	16.6	84	72	94	83	12.7	161.0	
10	15.8	18.9	16.9	17.2	85	72	96	84	12.8	156.0	
11	16.8	17.8	17.5	17.4	86	75	94	85	11.8	398.0	
12	15.2	18.0	16.3	16.5	76	74	93	81	12.0	668.0	
13	15.4	16.7	15.6	15.9	82	69	87	79	12.1	612.0	
14	14.3	15.7	14.9	15.0	77	65	88	77	11.8	332.0	
15	13.9	16.2	16.2	15.4	78	69	92	80	12.4	257.0	
16	15.5	16.1	15.4	15.7	78	66	83	76	12.2	805.0	
17	16.4	15.8	14.6	15.6	91	68	81	80	9.8	620.0	1.02
18	13.3	14.8	14.4	14.2	69	59	82	70	11.9	525.0	
19	14.0	15.4	14.3	14.6	69	62	82	71	12.7	428.0	
20	13.9	15.8	15.6	15.1	69	66	88	74	12.8	209.0	
21	15.8	16.0	16.1	16.0	80	63	91	78	11.8	154.0	
22	16.2	18.1	17.6	17.3	81	66	88	78	11.7	475.0	
23	13.2	18.9	15.0	15.7	58	71	76	68	9.5	752.0	
24	16.0	16.9	15.2	16.0	72	71	79	74	10.9	570.0	
25	15.0	14.8	14.7	14.8	72	55	78	68	12.1	538.0	
26	15.8	14.1	12.5	14.1	78	56	69	68	11.0	472.0	
27	10.7	13.1	13.1	12.3	52	50	71	58	12.2	399.0	
28	12.2	13.2	13.4	12.9	59	52	77	63	11.6	274.0	
29	13.7	14.4	12.7	13.6	69	60	72	67	12.1	169.0	
30	12.2	13.3	13.1	12.9	62	52	75	63	11.7	136.0	
31	12.9	14.4	13.4	13.6	65	60	76	67	11.5	138.0	
	13.89	15.38	14.30	14.55	73.3	66.5	83.1	74.3	10.86	386.06	0.69

Height of Barometer above sea level: 33.7 meters.
„ „ Thermometers above ground:
Dry and wet 1.55 m.: Max. 1.75 m.: Min. 1.70 m.
Rim of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.
Time of readings minus 3 hours equals G.C.T.
62 year averages are for period, 1875-1936

APRIL 1944

METEOROLOGICAL REGISTER

Date	Clouds Clear—0 Overcast—10				Direction and force of wind Beaufort scale			Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30		
1	10cu	10ni	10ni	10.0	2sw	1sw	2sw	slight	Tr. a.m.
2	10ni	10ni	1cu	7.0	1sw	0	1sw	„	
3	2cu	0	3cu	1.7	0	2sw	0	„	
4	6cu	1st.	10cu	8.7	2sw	2sw	2sw	„	Tr. p.m.
5	10ni	5cu	1cu	5.3	0	2sw	1sw	„	
6	0	0	0	0.0	1se	2ne	2se	light	
7	0	0	0	0.0	0	2ne	1ne	slight	
8	0	0	0	0.0	0	2ne	1ne	light	M. p. m.
9	1ci	0	0	0.3	1sw	1n	0	calm	D. a. m.
10	0	0	0	0.0	1w	1nw	0	light	„ „ „
11	1ci	1ci	1cu	1.0	1nw	1nw	0	calm	D.a.m., Gust 7p.m.
12	0	0	0	0.0	1sw	2sw	3sw	light	Heavy D. p. m.
13	0	0	0	0.0	3sw	3sw	1sw	„	M. a. m.
14	7cu	0	0	2.3	2sw	2sw	1sw	slight	
15	1cu	0	0	0.3	2sw	1sw	0	light	
16	0	0	9cu	3.0	4sw	2sw	2sw	slight	Gust 8 a. m.
17	10cu	1cu	6cu	5.7	2sw	2sw	2sw	light	
18	0	0	6cu	2.0	2sw	2sw	1sw	slight	
19	0	0	0	0.0	1sw	2sw	0	light	
20	0	1cu	0	0.3	1sw	2sw	0	calm	
21	3cu	0	0	1.0	1sw	1sw	0	calm	
22	0	1ci	8cu	3.0	1sw	2sw	2sw	„	
23	4cu	8cu	0	4.0	2sw	1sw	2sw	light	Wind. at night
24	7cu	3cu	8cu	6.0	4sw	4sw	1sw	mod.	
25	0	0	1ci	0.3	1sw	2sw	1sw	light	
26	10cu	0	0	3.3	1sw	2nw	2nw	light	
27	0	0	8ci	2.7	1sw	2sw	1sw	„	
28	2cu	1cu	1cu	1.3	3sw	3sw	0	slight	
29	4cu	0	9cu	4.3	1sw	1sw	1sw	light	
30	2cu	3cu	0	1.7	1nw	2sw	0	calm	
31	1cu	6cu	1cu	2.7	1w	2w	0	„	
				2.51					

* Abbreviations :— G = gale ; H = haze ; M = mist ; T = thunderstorm ; D = dew. W = strong wind.

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	0	0	0	1	0	22	2	2	4	31
14:30	1	3	0	0	0	22	1	3	1	31
20:30	0	2	0	1	0	16	0	1	11	31
Totals	1	5	0	2	0	60	3	6	16	93

Number of days with rain 4, fog 0, thunderstorms 0, gale 0.

62 yr. av. days with rain during month 3.1 days